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| Response to Missing Requirements Under 35 USC § 371 | Attorney Docket No.: SMARB15.001APC First Named Inventor: Lee et al. Int'l Application No.: PCT/CA2003/001589 US Application No.: 10/540,279 Entered National Phase: June 21, 2005 Title: CHEMICAL SWITCHING OF NUCLEIC ACID CIRCUIT ELEMENTS |
| | Date: April 12, 2006 Page 1 of 2 |
| Direct all correspondence to Customer No.: 20995 | |

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April 12, 2006
 (Date)
 Marina L. Gordey, Reg. No. 52,950

Applicant herewith submits to the US Designated/Elected Office (DO/EO/US) the following items and other information:

- (X) This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 USC 371.
- (X) Copy of the Notification of Missing Requirements under 35 USC 371 dated February 14, 2006.
- (X) An Oath or Declaration signed by the inventors (35 USC 371(c)(4)) in 5 pages.
- (X) Sequence Submission Statement.
- (X) Paper copy of Sequence Listing in 2 pages.
- (X) Sequence Listing in CRF.
- (X) Preliminary Amendment in 3 pages.
- (X) Return prepaid postcard.

FILING FEES NOT YET PAID:

| FEE CALCULATION | | | | |
|--|-------------------|--------------|-------------|-------|
| FEE TYPE | | LARGE FEE | CALCULATION | TOTAL |
| Late Oath/Decl. | 37 CFR § 1.492(h) | 1617 (\$130) | | \$130 |
| Excess Claims | 73 - 73 = 0 | 1615 (\$50) | 0 x 50 = | \$0 |
| Excess Ind. Claims | 10 - 10 = 0 | 1614 (\$200) | 0 x 200 = | \$0 |
| Multiple Claim | 37 CFR § 1.492(f) | 1616 (\$360) | | \$0 |
| SUB TOTAL | | | | \$130 |
| The present application qualifies for Small Entity status under 37 CFR § 1.27. Fee reduced by 1/2. | | | | (\$0) |
| Late English Trans | 37 CFR § 1.492(i) | 1618 (\$130) | | \$0 |
| TOTAL FEE DUE | | | | \$130 |

(X) A check in the amount of \$130 is enclosed to cover the above fees.

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**Response to Missing
Requirements Under
35 USC § 371**

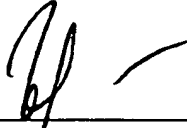
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The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 11-1410.



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